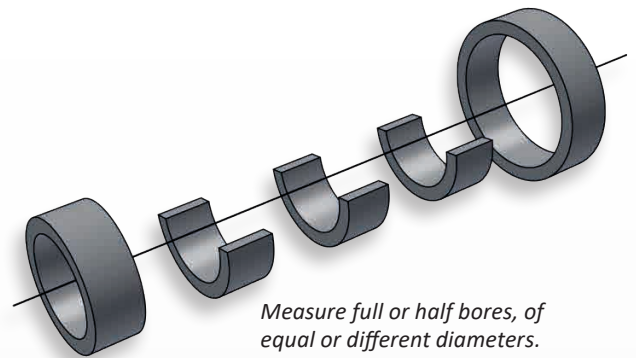EASY-LASER®

**Bore Alignment**

XT

CLOUD
CONNECTED

# Versatile, easy and precise

**BORE ALIGNMENT FOR A WIDE RANGE OF APPLICATIONS**

The Easy-Laser® XT Bore alignment solutions are primarily designed for applications like engines, compressors and gearboxes, but can be used in many more applications. All parts are designed for maximum accuracy and stability, and measure with a resolution of 0.001 mm [0.05 mils]. Measurement distance up to 40 m [130 feet]. They are suitable for use both in manufacturing and in field services activities.


*Measure full or half bores, of equal or different diameters.*

**INTUITIVE MEASUREMENT PROGRAMS**

The Bore Center program guides the user through the entire measurement process which contributes to simple operation. The system automatically calculates the bore positions in relation to each other, both horizontally and vertically. You can then evaluate the results with different Best fit calculation methods, analyse different choices of reference points and set tolerance values.

**TWO STARTING POINTS**

Either you choose the complete XT950 system, dedicated for bore alignment, or combine bore alignment with the XT770 shaft alignment system for more possibilities.


*Bore center program, with bores individually named. If required, you can set tolerances.*

- **XT950 BORE ALIGNMENT SYSTEM**
  A complete system which includes the XT9 detector and laser transmitter D75. With this system you can measure diameters 80–500 mm [3.15–19.68"].

- **BORE BRACKET KIT, WITH D75**
  This kit is added to an XT770 Shaft alignment system, and you use the XT70-M unit in the system as detector. Using the XT70-M you can measure diameters 130–500 mm [5.12–19.68"].

- **BORE UPGRADE KIT, WITH XT9**
  With this kit added to your bore bracket kit you can measure diameters 80–500 mm [3.15–19.68"]. You still need "Kit with D75" as the starting point to get the laser transmitter, all necessary brackets and the carrying case. "Kit with XT9" will then be put in the same case (see pictures on last page).


*Bore center program, measuring view, first position. Measure 3–50 points at each position (Multipoint). Individual points can be remeasured at any stage.*

**ALSO FOR OTHER STRAIGHTNESS MEASUREMENTS**
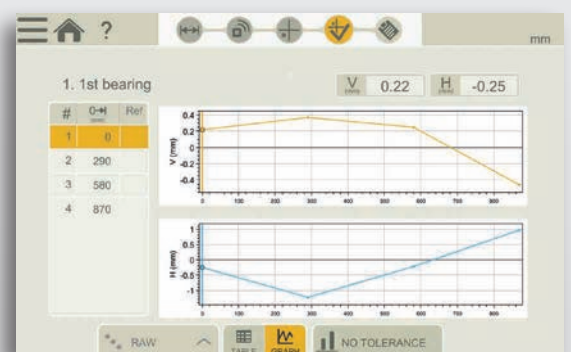
You can also measure the straightness of shafts, linear guides, foundations, etc. without any additional accessories.


*Graph result view. Example with four bores. The result can be displayed as Best-fit calculated.*

## MANY MOUNTING OPTIONS

The laser transmitter, detectors and brackets can be mounted in many different ways. The bracket system is very versatile and provides many possibilities to mount the detector in bores with different widths, and they can also be assembled in many ways for different situations. The magnetic feet holds the detector in perfect position for stable and precise measurements. Below are some examples of what is possible.

Learn more about the brackets and their dimensions in our complete Product Catalogue > Technical specifications. You find it on our web site.


D75 on hub


D75 on hub


XT70 on bracket 12-0455


XT9 on bracket 12-0455


XT70 on bracket 12-1277


XT9 on bracket 12-1277


Axial support 12-1368


XT9 on bracket 12-0768

## SAVE AND SHARE

**INTERNAL MEMORY**
Save your measurement files, photos and reports to the internal memory.

**VERSATILE FILE TYPES**
Both a PDF and an Excel file are generated.

**ADD NOTES**
Explain the measurement it a little more.

**SIGN REPORTS ELECTRONICALLY**
Sign-on screen to verify your job. Signature is saved with the PDF file.

**ADD PHOTO**
Add a picture for better understanding.

**SEND THE REPORTS**
Share the reports via email. Possible on all platforms.

**SAVE TO USB**
Save your files to USB stick and copy to other devices.

## MAXIMUM FLEXIBILITY

**ONE APP – FOR MULTIPLE PLATFORMS**
One app for all XT products. Available for iOS, Android, and our rugged XT12 tablet.

**NO LOCK-INS**
The XT Alignment App can be downloaded to any number of devices for free. No license hassle!
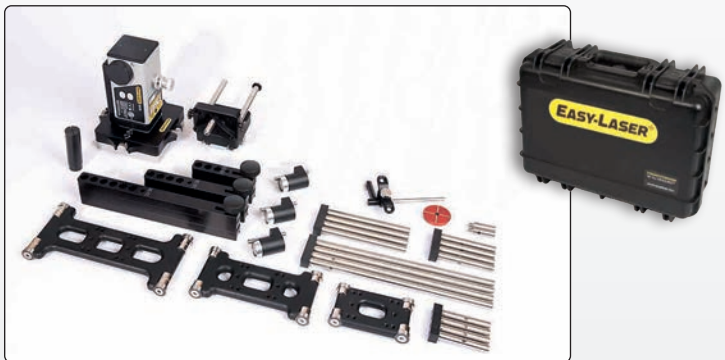
## COLLABORATE EASILY

**CLOUD CONNECTED**
The XT App can be connected to our Easy-Laser PLUS™ cloud service to collaborate with your maintenance team on job assignments and copy your measurement data to a new device if your tablet is lost or damaged. Subscription required.

# XT950



**A: XT950, with laser transmitter D75
(Part No: 12-1356)**

# XT Bore Kits



**B: Bore bracket kit, with D75
(Part No. 12-1354)**



**C: Bore Upgrade kit, with XT9
(Part No. 12-1355)**

# XT770

**Shaft alignment system**
To be combined with the Bore Kits. Learn more in the separate XT770 brochure, and on our web site.

| Parts included with each system or kit: | | A | B | C |
|---|---|---|---|---|
| 12-0075 | Laser transmitter D75 | 1 | 1 | |
| 12-1350 | Detector XT9 | 1 | | 1 |
| 12-0661 | Offset hub with counterlock for D75 | 1 | 1 | |
| 12-0707 | Arm kit with magnets | 1 | 1 | |
| 12-1161 | Set of rods 4x75 mm | 1 | 1 | |
| 12-0987 | Set of rods 4x120 mm | 1 | 1 | |
| 12-0060 | Set of rods 4x240 mm | 1 | 1 | |
| 12-0455 | Slide bracket Small | 1 | 1 | |
| 12-0543 | Slide bracket Medium | 1 | 1 | |
| 12-0510 | Slide bracket Large | 1 | 1 | |
| 12-1277 | Bracket with rotatable bore probe, XT | 1 | 1 | |
| 12-1357 | Target for detector rough alignment | 1 | 1 | |
| 12-1368 | Axial support for slide brackets | 1 | 1 | |
| 12-1351 | Rod adapter with built-in target C–C 56 mm | 1 | | 1 |
| 12-0767 | Rod adapter with built-in target C–C 40 mm | 1 | | 1 |
| 12-0768 | Slide bracket, 25 mm width | 1 | | 1 |
| 03-1256 | Battery charger (100–240 V AC) | 1 | | |
| 03-0914 | USB memory stick with documentation | 1 | | |
| 03-1707 | Measuring tape 5 m | 1 | | |
| 03-0967 | Hexagon wrench set | 1 | | |
| 12-0751 | DC to USB adapter, for charging | 1 | | |
| 12-0989 | DC split cable for charging | 1 | | |
| 03-0878 | Cleaning cloth for optics | 1 | | |
| | | | | |
| 12-1394 | Carrying case XT Linebore | 1 | | |
| | WxHxD: 546x432x244 mm [21.5x17.0x9.6"] | | | |
| | Weight with parts: 28.0 kg  [61.7 lbs] | | | |
| | | | | |
| 12-1367 | Carrying case XT Bore Bracket Kit | | 1 | |
| | WxHxD:  460x350x175 mm  [18.1x13.1x6.9"] | | | |
| | Weight with parts: 10.2 kg  [22.5 lbs] | | | |
| | | | | |
| 12-1355 | Weight of parts: Weight: 532 g  [1.17 lbs] | | | 1 |
| **Examples of accessories** | | | | |
| 12-0187 | Magnetic bracket for D75 | | | |
| 12-0282 | Set of extension arms | | | |
| 12-0990 | Adjustable magnet for offset hub arms | | | |
| 12-0580 | Axial extension arms | | | |



12-0187



12-0282



12-0990



12-0580

**Add display unit XT12:**

| 12-1292 | XT12 with IR Camera |
|---|---|
| 12-1291 | XT12 |

Both with shoulder strap, Part No 12-0997.
Weight: 1490 g  [52.5 oz]

LASER 2

CE

ISO 9001 CERTIFIED COMPANY

3 YEAR WARRANTY

GLOBAL SUPPORT